UI Bulletin #113c

Subject: Rear Lighting Junction Block Connections

Models: Chevrolet Silverado
GMC Sierra

Model Years: 2014 – 2015

Date: February 24, 2014

Revision Date: July 9, 2015

ADVISORY:

Condition:
Connection/Connector information for the Rear (Lighting) Junction Block X63

Recommendation:
The following information is the upfitter's use in developing and manufacturing of their adaptive/jumper lighting harness for use when installing a service body.

Connector Information
The rear junction for the 2014 and beyond full size trucks…no longer is the one connector to which the upfitter can disconnect for the block and plug in an adapter harness to mate the service body lighting to. In this document we provide each of the connections/circuit information for interfacing to the junction block. Also, both the GM service part numbers, as well as are the manufacture's part numbers provided.

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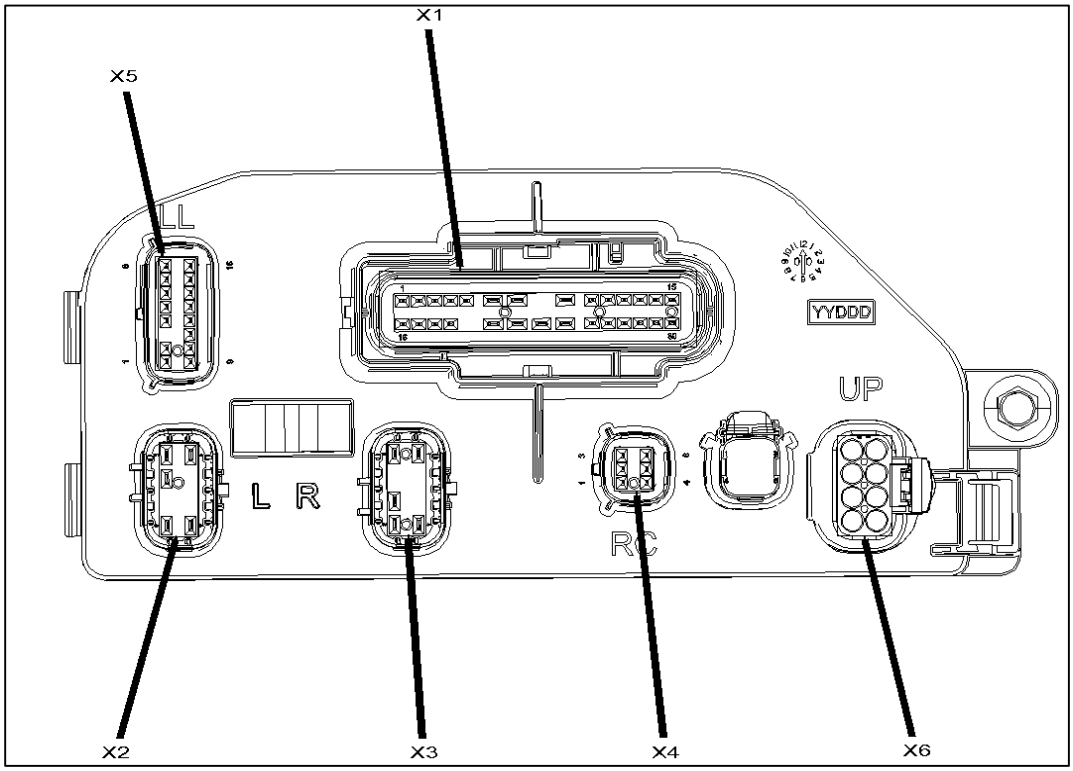
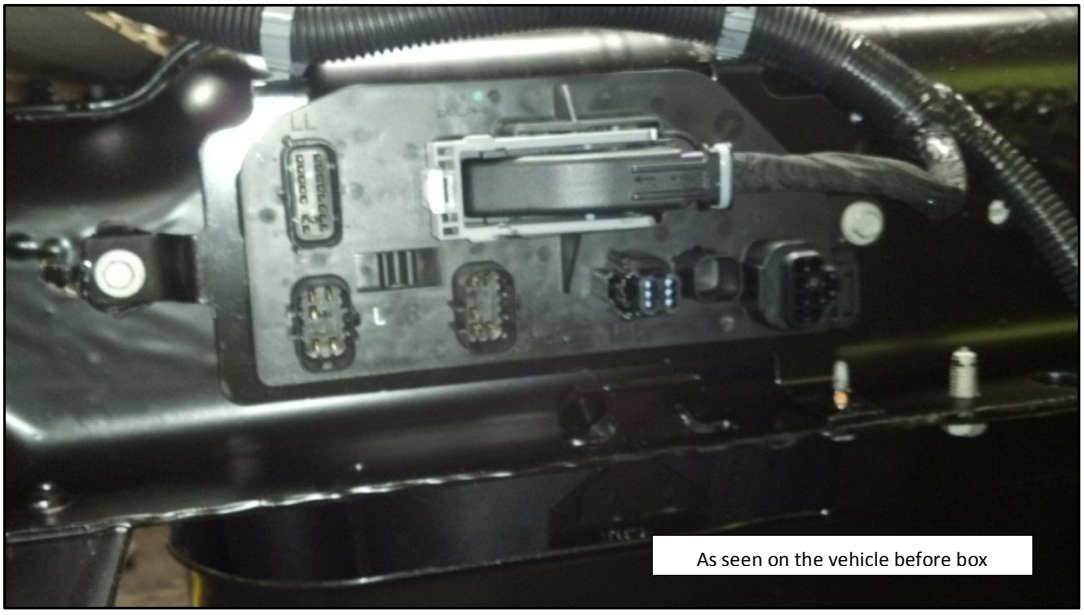
X63A- Rear Junction Block





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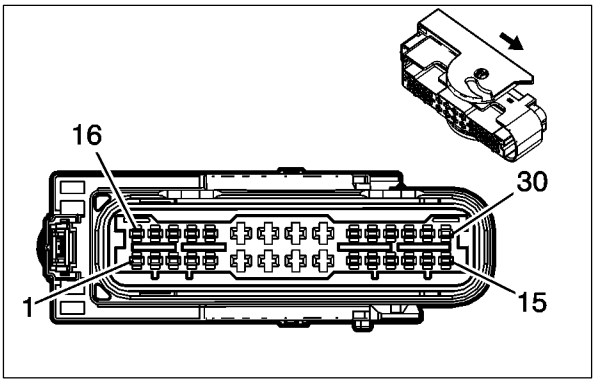
X63A- Rear Junction Block – Connector X1



Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13988318
- Service Connector: Service by Harness - See Part Catalog
- Description: 30-Way F 1.5, 2.8 Series, Sealed (BK)

INPUT CONNECTOR-MATE IS THE JUNCTION BLOCK

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray**	**Core Crimp**	**Insulation Crimp**
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available
II	Pending	J-35616-35 (VT)	J-38125-557	1-968857-3	7	Not Available	Not Available
III	Pending	J-35616-35 (VT)	J-38125-557	1-968857-3	7	C	1

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X63A Junction Block - Rear Body X1						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.5	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
2	0.5	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
3	0.5	YE/D-BU	2376	Left Rear Middle Object Sensor Signal	I	-
4	0.5	YE	2375	Left Rear Corner Object Sensor Signal	I	-
5	0.5	BN/WH	2374	Object Sensor Supply Voltage	I	-
6	1.5	BK	1750	Ground	III	-
7	1.5	BK	2150	Ground	III	-
8	-	-	-	Not Occupied	-	-
9	0.75	L-GN/WH	24	Backup Lamp Supply Voltage	II	-
10	0.75	WH/VT	1430	Exterior Courtesy Lamp Supply Voltage	I	-
11-12	-	-	-	Not Occupied	-	-
13	0.5	VT/GY	1054	Stop Lamp Supply Voltage	I	-
14-15	-	-	-	Not Occupied	-	-
16	0.5	L-GN/YE	6846	Rear License Lamp Supply Voltage	I	-
17	0.5	BK/GY	2379	Object Sensor Low Reference	I	-
18	0.75	YE/D-BU	18	Left Rear Stop/Turn Lamp Supply Voltage	I	-
19	0.75	BN/L-GN	19	Right Rear Stop/Turn Lamp Supply Voltage	I	-
20	-	-	-	Not Occupied	-	-
21	0.75	GY/BN	309	Right Park Lamp Supply Voltage	II	-
22	0.75	VT/GY	709	Left Park Lamp Supply Voltage	II	-
23	-	-	-	Not Occupied	-	-
24	1	BK	1750	Ground	II	-
25	0.5	L-GN/WH	24	Backup Lamp Supply Voltage	I	-
26	0.5	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	I	-
27	0.5	GY/YE	6972	Camera Signal #2 +	I	-
28	0.5	WH/D-BU	6973	Camera Signal #2	I	-
29	0.5	BK	2550	Ground	I	-
30	0.5	BK	6974	Camera Drain Wire	I	-

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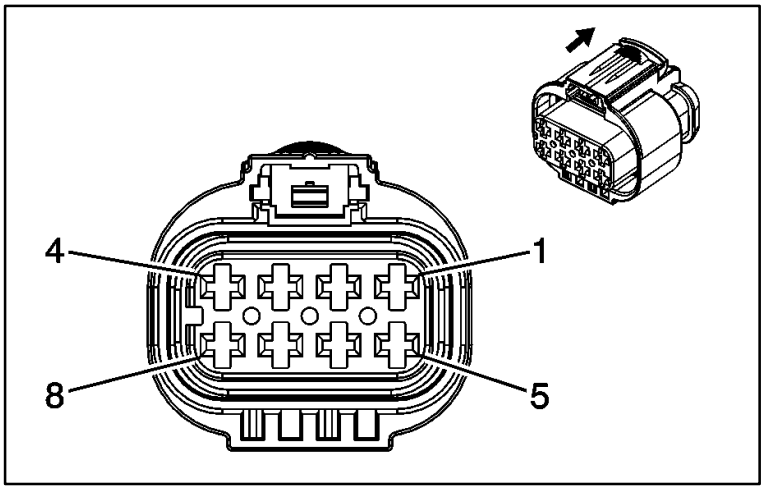
X63A- Rear Junction Block – Connector X2



Connector Part Information

- Harness Type: Left Rear Tail lamp
- OEM Connector: 13588283
- Service Connector: 19330151
- Description:
- Harness Type: Pending
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description:

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray**	**Core Crimp**	**Insulation Crimp**
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

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X63A Junction Block - Rear Body X2						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.75	YE/BU	18	Left Rear Stop/Turn Lamp Supply Voltage	I	Z88 X88
2-3	-	-	-	Not Occupied	-	-
4	0.75	GN/WH	24	Backup Lamp Supply Voltage	I	Z88 X88
5	0.75	VT/GY	709	Left Park Lamp Supply Voltage	I	Z88 X88
6	0.75	BK	1750	Ground	I	Z88 X88
7	-	-	-	Not Occupied	-	-
8	0	BK	2150	Ground	I	-

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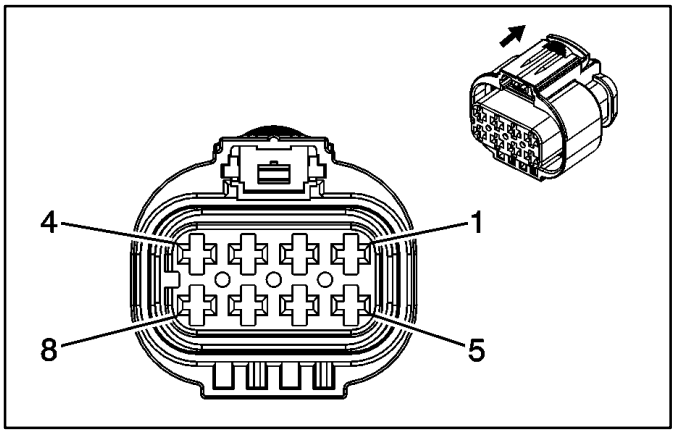
X63A- Rear Junction Block – Connector X3



Connector Part Information

- Harness Type: Right Rear Tail lamp
- OEM Connector: 13588284
- Service Connector: 19330152
- Description:
- Harness Type: Pending
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description:

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray**	**Core Crimp**	**Insulation Crimp**
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

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X63A Junction Block - Rear Body X3						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.75	GY/BN	309	Right Park Lamp Supply Voltage	I	Z88 X88
2-3	-	-	-	Not Occupied	-	-
4	0.75	GN/WH	24	Backup Lamp Supply Voltage	I	X88 Z88
5	0.75	BN/GN	19	Right Rear Stop/Turn Lamp Supply Voltage	I	X88 Z88
6	-	-	-	Not Occupied	-	-
7	0.75	BK	1750	Ground	I	-
8	0.75	BK	2150	Ground	I	X88 Z88

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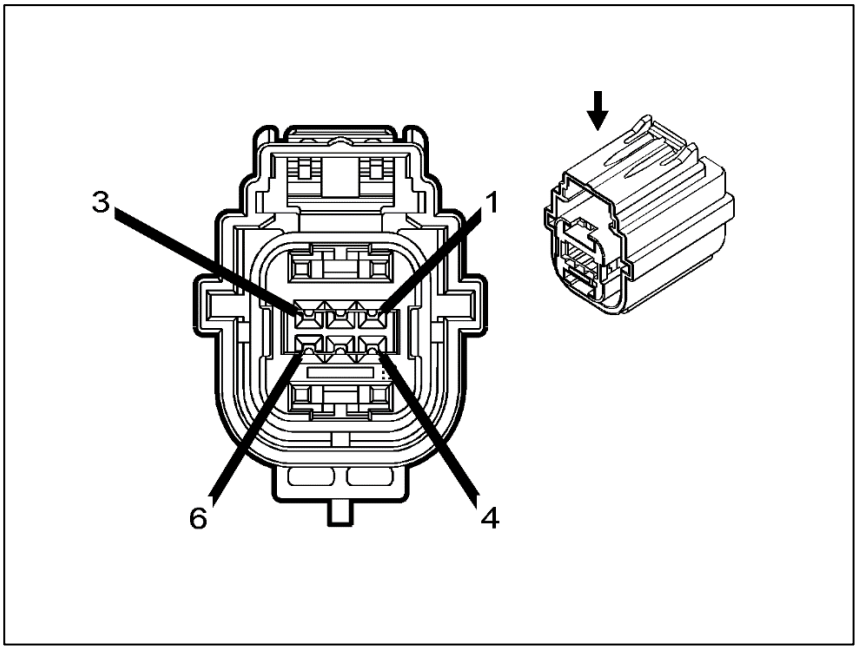
X63A- Rear Junction Block – Connector X4



Connector Part Information

- Harness Type: Rearview Camera Jumper
- OEM Connector: 19169088
- Service Connector: 13585853
- Description: 6-Way F 0.64 Series, Sealed (GY)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray**	**Core Crimp**	**Insulation Crimp**
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

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X63A Junction Block - Rear Body X4						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.35	GY/YE	6972	Camera Signal #2 +	I	UVC
2	0.35	BN	6974	Camera Drain Wire	I	UVC
3	0.35	GN/WH	24	Backup Lamp Supply Voltage	I	UVC
4	0.35	WH/BU	6973	Camera Signal #2	I	UVC
5	0.35	BK	2550	Ground	I	UVC
6	0.35	VT/GN	1739	Run/Crank Ignition 1 Voltage	I	UVC

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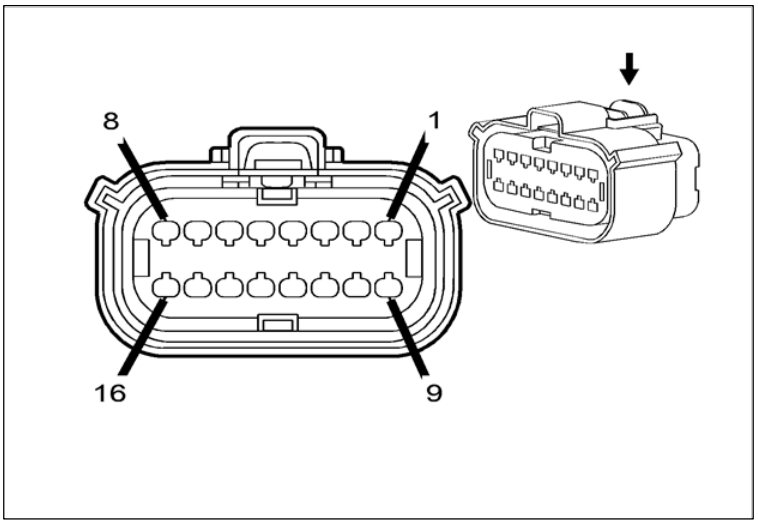
X63A- Rear Junction Block – Connector X5



Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 13778557
- Service Connector: 13584788
- Description: 16-Way F 1.5 Series, Sealed (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray**	**Core Crimp**	**Insulation Crimp**
I	13575809	J-35616-14 (GN)	J-38125-217	Not Available	Not Available	E	2

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X63A Junction Block - Rear Body X5						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.5	BK/GY	2379	Object Sensor Low Reference	I	-
2	0.5	VT/GY	709	Left Park Lamp Supply Voltage	I	-
3-4	-	-	-	Not Occupied	-	-
5	0.5	BK	1750	Ground	I	-
6	0.5	BK	1750	Ground	I	-
7	0.5	BK	1750	Ground	I	-
8	0.5	BK	1750	Ground	I	-
9	0.5	L-GN/YE	6846	Rear License Lamp Supply Voltage	I	-
10	0.5	L-GN/YE	6846	Rear License Lamp Supply Voltage	I	-
11	0.5	GY/BN	309	Right Park Lamp Supply Voltage	I	-
12	0.5	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
13	0.5	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
14	0.5	YE/D-BU	2376	Left Rear Middle Object Sensor Signal	I	-
15	0.5	YE	2375	Left Rear Corner Object Sensor Signal	I	-
16	0.5	BN/WH	2374	Object Sensor Supply Voltage	I	-

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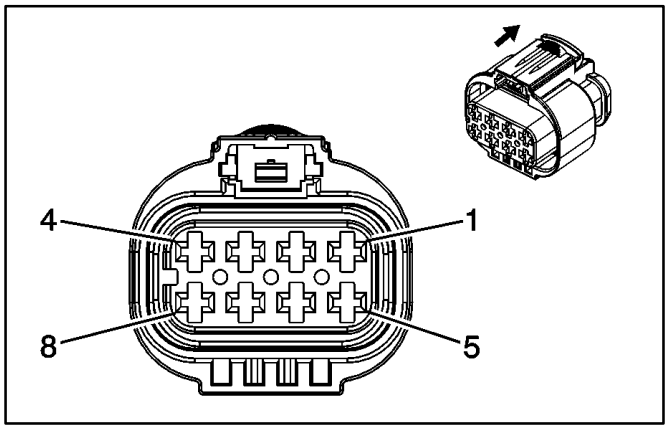
X63A- Rear Junction Block – Connector X6



Connector Part Information

- Harness Type: Pending
- OEM Connector: 13581768
- Service Connector: 19330153
- Service by Harness - See Part Catalog
- Description:

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

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X63A Junction Block - Rear Body X6						
Pin	**Size**	**Color**	**Circuit**	**Function**	**Terminal Type ID**	**Option**
1	0.75	VT/GY	1054	Stop Lamp Supply Voltage	I	-
2-3	-	-	-	Not Occupied	-	-
4	0.75		1430	Exterior Courtesy Lamp Supply Voltage	I	-
5-6	-	-	-	Not Occupied	-	-
7	0.75		1750	Ground	I	-

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